

07/05/2001

<!--StartFragment--><210> SEQ ID NO 120

<211> LENGTH: 1986

<212> TYPE: DNA

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: Description of Artificial Sequence: gp140mod.TV1.delV2

<400> SEQUENCE: 120

```

gaattcatgc gcgtgatggg caccagaag aactgccagc agtggtgat ctggggcatc 60
ctgggcttct ggatgctgat gatctgcaac accgaggacc tgtgggtgac cgtgtactac 120
ggcgtgcccc tgtggcgcgga cgccaagacc accctgttct gcgccagcga cgccaaggcc 180
tacgagaccg aggtgcacaa cgtgtgggcc acccacgcct gcgtgcccac cgaccccaac 240
ccccaggaga tcgtgctggg caacgtgacc gagaacttca acatgtggaa gaacgacatg 300
gccgaccaga tgcacgagga cgtgatcagc ctgtgggacc agagcctgaa gccctgcgtg 360
aagctgacct ccctgtgctg gaccctgaac tgcaccgaca ccaacgtgac cggcaaccgc 420
accgtgaccg gcaacagcac caacaacacc aacggcaccg gcatctacaa catcgaggag 480
atgaagaact gcagcttcaa cgccggcgcc ggccgcctga tcaactgcaa caccagcacc 540
atcaccacag cctgccccaa ggtgagcttc gaccccatcc ccatccacta ctgcgccccc 600
gccggctacg ccatacctgaa gtgcaacaac aagaccttca acggcaccgg cccctgctac 660
aacgtgagca ccgtgacgtg caccacggc atcaagccc tggtagcac ccagctgctg 720
ctgaacggca gctggccga ggagggcatc atcatccgca gcgagaacct gaccgagaac 780
accaagacca tcatcgtgca cctgaacgag agcgtggaga tcaactgcac ccgccccaac 840
aacaacaccc gcaagagcgt gcgcacggc cccggccagg ccttctacgc caccaacgac 900
gtgatcggca acatccgcca ggcccactgc aacatcagca ccgaccgctg gaacaagacc 960
ctgcagcagg tgatgaagaa gctgggcgag cacttcccc acaagaccat ccagttcaag 1020
ccccacgcgg gcggcgacct ggagatcacc atgcacagct tcaactgccg cggcgagttc 1080
ttctactgca acaccagcaa cctgttcaac agcactacc acagcaaaa cggcacctac 1140
aagtacaacg gcaacagcag cagcccatc accctgcagt gcaagatcaa gcagatcgtg 1200
cgcatgtggc agggcggtgg ccaggccacc tacgcccccc ccacgcggg caacatcacc 1260
tgccgcagca acatcaccgg catcctgctg acccgcgacg gcggcttcaa caccaccaac 1320
aacaccgaga ccttcgcgcc cgccggcgcc gacatgcgcg acaactggcg cagcgagctg 1380
tacaagtaca aggtggtgga gatcaagccc ctgggcatcg ccccccacaa ggccaagcgc 1440
cgcggtggtg agcgcgagaa gcgcgcctg ggcatcgcg ccgtgttctt gggcttctct 1500
ggcgccgccc gcagcaccat ggccgcgcc agcatcacc tgaccgtgca ggcccgccag 1560
ctgctgagcg gcacgtgca gcagcagagc aacctgctga aggccatcga ggccagcag 1620
cacatgctgc agctgacct gtggggcatc aagcagctgc aggcccgct gctggccatc 1680
gagcgctacc tgaaggacca gcagctgctg ggcatctggg gctgcagcgg ccgcctgac 1740
tgcaaccacc ccgtgccctg gaacagcagc tggagcaaca agagcgagaa ggacatctg 1800
gacaacatga cctggatgca gtgggaccgc gagatcagca actacaccgg cctgatctac 1860
aacctgctgg aggacagcca gaaccagcag gagaagaac agaaggacct gctggagctg 1920
gacaagtgga acaacctgtg gaactggttc gacatcagca actggccctg gtacatctaa 1980
ctcgag
1986<!--EndFragment-->

```

SOUTH AFRICAN CLAD B C

TV1-C2A

ΔV2

1986

FULL-LENGTH - 2565 nt

661

855

```

1  gaattcatgc gcgatgatgg caccagaag aactgccagc agtgggtggat ctgggggcatc
61  ctgggcttct ggatgctgat gatctgcaac accgaggacc tgtgggtgac cgtgtactac
121  ggcgtgcccc tgtggcgcca cgccaagacc accctgttct gcgccagcga cgccaaggcc
181  tacgagaccg aggtgcacaa cgtgtggggc acccacgcct gcgtgcccac cgaccccaac
241  cccagaggaga tcgtgctggg caacgtgacc gagaacttca acatgtggaa gaacgacatg
301  gccgaccaga tgcacgagga cgtgatcagc ctgtggggacc agagcctgaa gccctgctg
361  aagctgaccc ccctgtgctg gaccctgaac tgcaccgaca ccaacgtgac cggcaaccgc
421  accgtgaccg gcaacagcac caacaacacc aacggcaccg gcatctacaa catcgaggag
481  atgaagaact gcagcttcaa cgccggcgcc ggccgcctga tcaactgcaa caccagcacc
541  atcaccaggg cctgccccaa ggtgagcttc gaccccatcc ccatccacta ctgcccccc
601  gccggtacg ccatcctgaa gtgcaacaac aagaccttca acggcaccgg cccctgctac
661  aacgtgagca ccgtgacgtg caccacggc atcaagccc tggtgagcac ccagctgctg
721  ctgaacggca gcctggcgga ggagggcatc atcatccgca gcgagaacct gaccgagaac
781  accaagacca tcacgtgca cctgaacgag agcgtggaga tcaactgcac ccgccccaa
841  aacaacaccc gcaagagcgt gcgcatcgcc cccggccagg ccttctacgc caccaacgac
901  gtgatcgcca acatccgcca ggcccactgc aacatcagca ccgaccgctg gaacaagacc
961  ctgcagcagg tgatgaagaa gctgggagag cacttcccc acaagaccat ccagttcaag
1021  cccacgccc ggcggcacct ggagatcacc atgcacagct tcaactgccg cggcgagttc
1081  ttctactgca acaccagcaa cctgttcaac agcacctacc acagcaacaa cggcacctac
1141  aagtacaacg gcaacagcag cagccccatc accctgcagt gcaagatcaa gcagatcgtg
1201  cgcatgtggc agggcggtgg ccaggccacc tacgcccccc ccatcgccgg caacatcacc
1261  tgccgcagca acatcacggc catcctgctg acccgcgagc gcggcttcaa caccaccaac
1321  aacaccgaga ccttccgccc cggcgggcggc gacatgcgcg acaactggcg cagcgagtgc
1381  tacaagtaca aggtgggtgga gatcaagccc ctgggcatcg cccccaccaa ggccaagcgc
1441  cgcgtggtgc agcgcgagaa gcgcgccgtg ggcacggcg ccgtgttctt gggcttctg
1501  ggcgcgccc gacgacccat gggcgccgccc agcatcacc tgaccgtgca ggcccgcag
1561  ctgctgagcg gcatcgtgca gcagcagagc aacctgctga aggccatcga ggcccagcag
1621  cacatgctgc agctgaccgt gtggggcatc aagcagctgc agggccgctg gctggccatc
1681  gagcgtacc tgaaggacca gcagctgctg ggcacgtggg gctgcagcgg ccgcctgatc
1741  tgcaccaccg ccgtgcccctg gaacagcagc tggagcaaca agagcgagaa ggacatctgg
1801  gacaacatga cctggatgca gtgggaccgc gagatcagca actacaccgg cctgatctac
1861  aacctgctgg aggacagcca gaaccagcag gagaagaacg agaaggacct gctggagctg
1921  gacaagtgga acaacctgtg gaactggttc gacatcagca actggccctg gtacatctaa
1981  ctcgag

```

FIGURE 91

09699575-070504